

ABSTRACT

A traffic control method, a mobile station device and a base station device for mobile data communications that can realize improvement of communication quality and effective utilization of radio frequencies used in a mobile communication system using spread signals such as CDMA are disclosed. In a mobile communication system of a scheme using spread signals including CDMA, where two types of communication channels including a common channel and a plurality of individual channels are provided such that the common channel is set to be used by a plurality of users together and each individual channel is set to be used exclusively by one user, a communication using the common channel and the individual channel is carried out between a mobile radio terminal and a radio base station, and an admission judgement for a shift from the common channel to the individual channel is carried out at the radio base station or the mobile radio terminal, when a communication traffic at the mobile radio terminal is shifting from a sparse state to a dense state during the communication. (FIG. 3)